By Express Mail # EV261612276US

FORM PTO-1390 ATTY. DOCKET #: 5151-U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE (REV02-2005) 18PUS TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A U.S. APPLICATION NO. SUBMISSION UNDER 35 U.S.C. 371 PRIORITY DATE CLAIMED INTERNATIONAL FILING DATE INTERNATIONAL APPLICATION NO. PCT/EP2004/053650 **22 December 2004** 22 December 2003, 22 December 2003, 22 December 2003, 24 December 2003, 24 December 2003,

TITLE OF INVENTION

7

An Apparatus and Method for Converting Heat Energy to Mechanical Energy

APPLICANT(S) FOR DO/EO/US

Erwin OSER; Michael RANNOW

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- 1. [x] This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.
- 2. [] This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371
- 3. [x] This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
- 4. [] The US has been elected (Article 31).
- 5. [x] A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. [x] is attached hereto (required only if not communicated by the International Bureau).
 - b.[] has been transmitted by the International Bureau.
 - c. [] is not required, as the application was filed in the United States Receiving Office (RO/US)
- 6. [x] An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. [x] is attached hereto.
 - b.[] has been previously submitted under 35 U.S.C. 154(d)(4).
- 7. [] Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. [] are attached hereto (required only if not communicated by the International Bureau).
 - b.[] have been transmitted by the International Bureau.
 - c. [] have not been made; however, the time limit for making such amendments has NOT expired.
 - d.[] have not been made and will not be made.
- 8. [] An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
- 9. [x] An unexecuted oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
- 10.[] A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 20. Below concern other document(s) or information included:

- 11.[x] An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
- 12.[] An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
- 13.[x] A preliminary amendment.
- 14.[] An Application Data Sheet under 37 CFR 1.76.
- 15.[] A substitute specification.
- 16.[] A power of attorney and/or address letter.
- 17.[] A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825
- 18.[] A second copy of the published International Application under 35 U.S.C. 154(d)(4).
- 19.[] A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
- 20.[x]Other items or information: (specify): Int'l Written Report, Notification Concerning Submission of Priority Document

U.S. APPLICATION NO-(If known, see 37 C.F.R. 1.5)				INTERNATIONAL APPLICATION NO. PCT/EP2004/053650				ATTORNEYS DOCKET NUMBER 5151-18PUS	
The following fees are submitted:									
21. [x] Basic National Fee (37 CFR 1.492(a)(1)-(5)) \$300									300
[x] Examination Fee If International preliminary examination report is prepared by USPTO and all claims satisfy the provisions of PCT article 33(1)-(4) All other situations \$200								\$	200
22. [x] Search Fee Search fee (37 CFR 1.445(a)(2)) has been paid on the International application to the USPTO as an International Searching Authority International Search Report prepared and provided to the Office All other situations \$500								\$	400
ENTER APPROPRIATE BASIC FEE AMOUNT (total of 21, 22 and 23) =									900
[] Application Fee for specification and drawing filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.									
Total Sheets	Extra Sh	eets	Number of additional 50 or fraction thereof (round up to a whole number)			RATE			
-100 =	/50 =					x \$250	\$		
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).								\$	
Claims Number Filed Number Extra RATE									
Total Claims			30 - 20 =			x \$ 50.00		\$	500
Independent Claims			2 - 3 = 0			x \$200.00		\$	
Multiple dependent claim(s) (if applicable) + \$360.00								\$	
TOTAL OF ABOVE CALCULATIONS =									1400
[x] Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.								\$	700
SUBTOTAL =								\$	700
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).								\$	
TOTAL NATIONAL FEE =								\$	700
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by the appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +								\$	
TOTAL FEES ENCLOSEI									\$700
						Amoun	t to be refunded	:	\$
Amount to be charged:									\$
b. [] Please ch of this c. [x] The Com	arge my De sheet is en missioner i	eposit A closed. s hereb	·	112 in the an	nount of	fees which n	over the above feet nay be required, or neet is enclosed.		
NOTE: Where an appropriate time limit under 37 CFR 1:495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.									
SEND ALL CORRESPONDENCE TO: Thomas C. Pontani Thomas C. Pontani								~	•

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